

MONTHLY CALCULATED PARAMETER WORKSHEET - FEBRUARY 2018

Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value
00011	Temperature, Effluent °F From Monthly Status Reports	Week 1 Average: 67 °F 64 °F 66 °F 68 °F 67 °F	66.4 °F (= average of raw data) 71 °F Monthly Max (from Monthly Status Reports)
00145	BOD ₅ Results from Lab analysis Flow results from Parameter Code 50500 (Avg)	BOD ₅ < 13 mg/L 0.2984384 MGD	32.35669133 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis Flow results from Parameter Code 50500 (Max Daily)	BOD ₅ < 00013 mg/L 0.395 MGD	42.8259 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
00400	pH From Monthly Status Reports	Minimum 7.9 SU Maximum 8.7 SU	

MONTHLY CALCULATED PARAMETER WORKSHEET - FEBRUARY 2018

Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value
00530	Total Suspended Solids		
	Results from Lab analysis	TSS	6 mg/L 0.2984384 MGD
	Flow results from Parameter Code 50500 (Avg)		14.93385754 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis	TSS	6 mg/L 0.395 MGD
	Flow results from Parameter Code 50500 (Max Daily)		19.7658 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
00610	Ammonia (as N)	NODI	9
	Results from Lab analysis	Ammonia	mg/L 0.2984384 MGD
	Flow results from Parameter Code 50500		0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
00630	Nitrite plus Nitrate		
	Results from Lab analysis	Nitrite	0.051 (a) mg/L
	Results from Lab analysis	Nitrate	16.7 (b) mg/L
			16.751 mg/L (= a + b)
00745	Sulfide, total	NODI	9
	Results from Lab analysis	Sulfide	mg/L 0.2984384 MGD
	Flow results from Parameter Code 50500 (Avg)		0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis	Sulfide	mg/L 0.395 MGD
	Flow results from Parameter Code 50500 (Max Daily)		#VALUE! lb/d (= concentration(mg/L) x flow(MGD) x 8.34)

MONTHLY CALCULATED PARAMETER WORKSHEET - FEBRUARY 2018

Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value
01034	Chromium, total	NODI	
	Results from Lab analysis	Chromium	9 [REDACTED] mg/L
	Flow results from Parameter Code 50500 (Avg)		0.2984384 MGD
			{ } 0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis	Chromium	mg/L
	Flow results from Parameter Code 50500 (Max Daily)	0.395	MGD { }
			#VALUE! lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
01034	Phenols	NODI	
	Results from Lab analysis	Phenolics	9 [REDACTED] mg/L
	Flow results from Parameter Code 50500 (Avg)		0.2984384 MGD
			{ } 0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis	Phenolics	mg/L
	Flow results from Parameter Code 50500 (Max Daily)	0.395	MGD { }
			#VALUE! lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
50050	Flow		
	From Monthly Status Reports	Week 1 Average:	238394 gal/d
		Week 2 Average:	295652 gal/d
		Week 3 Average:	226013 gal/d
		Week 4 Average:	311092 gal/d
		Week 5 Average:	421041 gal/d
			{ } 0.298 MGD (= average of raw data/1,000,000)
			[REDACTED] 0.395 MGD Monthly Max (from Monthly Status Reports)

MONTHLY CALCULATED PARAMETER WORKSHEET - FEBRUARY 2018

Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value
51040	e-Coli (April - Oct)	NODI	
	Results from Lab analysis	Week 1 Result: Week 2 Result: Week 3 Result: Week 4 Result: Week 5 Result:	CFU/100mL CFU/100mL CFU/100mL CFU/100mL CFU/100mL
			9
			#DIV/0!
			CFU/100mL (= average of raw data/1,000,000)
			CFU/100mL (= daily maximum of raw data/1,000,000)
81017	Chemical Oxygen Demand	NODI	
	Results from Lab analysis	COD	
	Flow results from Parameter Code 50500 (Avg)	0.2984384	mg/L
		0.2984384	MGD
		9	
		0	lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis	COD	
	Flow results from Parameter Code 50500 (Max Daily)	0.395	mg/L
		0.395	MGD
		#VALUE!	lb/d (= concentration(mg/L) x flow(MGD) x 8.34)